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KDA-DV/100-RU Vibratory Tray Feeder

Increased accuracy for your fiberglass!

Problem:

The customer needed a feeder that is gentle on his ¼” to ¾” long fiberglass. He needed to feed his extruder very accurately at low to medium feed rates.

Solution:

For this application ARBO developed a bottom-agitated vibratory tray feeder that vibrates the transfer piece separately. This significantly improved the outflow of the fibers without tearing them apart.

Result:

Accuracy superior to any previous model while keeping the fibers’ integrity throughout the entire process.

Capacity:	200 to 1500 lbs/hr
Load Cell:	50 kg, SS single point shear beam
Hopper Capacity:	negative angle, 8.5 ft ³
Vibratory Tray:	11.5” x 24” tray
Agitator Gear Motor:	1 HP, 3 phase AC, driven by a VFD



Low Maintenance Vibratory Feeder For Powders

Problem:

The customer’s process did not permit a screw feeder to feed his difficult to handle powder due to their limited turndown ratio, low accuracy and costly maintenance.

Solution:

Another customized version of ARBO’s standard bottom-agitated vibratory feeder! To aid the material flow a special coating was applied to the insides of the hopper and tray and a customized bottom agitator was used.

Result:

Delivers the powder extremely accurately and feeds a wide range of batch sizes without any hardware changes.

Capacity:	200 to 3000 lbs/hr
Load Cell:	100 kg, SS single point share beam
Hopper Capacity:	8.5 ft ³
Vibratory Tray:	9.5” x 24” tray, increased height
Agitator Gear Motor:	¼ HP, 3 phase AC, driven by a VFD